

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Canceled)

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Currently Amended) A door opening/closing device ~~according to claim 6,~~ for a vehicle comprising:

a door handle operated for opening/closing a vehicle door;

a door lock mechanism for locking and unlocking the vehicle door;

a light-emitting means included in the door handle and visible from an outside of the door handle;

a control mechanism for recognizing the opening/closing operation of the vehicle door based upon the operation of the door handle, operating the door lock mechanism so as to unlock the vehicle door when the opening operation of the vehicle door is recognized, operating the door lock mechanism so as to lock the vehicle door when the closing operation of the vehicle door is recognized, and controlling the light-emitting means to light-emit in response to the opening and closing operation of the vehicle door;

wherein the control mechanism recognizes the vehicle door opening operation based upon the operation of the door handle under a condition that a portable station carried by a user is close to the vehicle from a vehicle outside, and recognizes the vehicle door closing operation based upon the operation of the door handle and recognition of the portable station moved from a vehicle inside to the vehicle outside;

wherein the door handle includes at least a first light-emitting means and a second light-emitting means, and the first and second light-emitting means are controlled individually; and

wherein the control mechanism controls the second light-emitting means to light-emit upon the door unlock operation of the door lock mechanism and controls the first light-emitting means to light-emit upon the door lock operation thereof.

8. (Currently Amended) A door opening/closing device ~~according to claim 6,~~ for a vehicle comprising:

a door handle operated for opening/closing a vehicle door;

a door lock mechanism for locking and unlocking the vehicle door;

a light-emitting means included in the door handle and visible from an outside of the door handle;

a control mechanism for recognizing the opening/closing operation of the vehicle door based upon the operation of the door handle, operating the door lock mechanism so as to unlock the vehicle door when the opening operation of the vehicle door is recognized, operating the door lock mechanism so as to lock the vehicle door when the closing operation of the vehicle door is recognized, and controlling the light-emitting means to light-emit in response to the opening and closing operation of the vehicle door;

wherein the control mechanism recognizes the vehicle door opening operation based upon the operation of the door handle under a condition that a portable station carried by a user is close to the vehicle from a vehicle outside, and recognizes the vehicle door closing operation based upon the operation of the door handle and recognition of the portable station moved from a vehicle inside to the vehicle outside;

wherein the door handle includes at least a first light-emitting means and a second light-emitting means, and the first and second light-emitting means are controlled individually; and

wherein the control mechanism controls the first light-emitting means to light-emit when the portable station is recognized to be close to the vehicle from the vehicle outside, and controls the second light-emitting means to light-emit when the portable station is recognized to have moved from the vehicle inside to the vehicle outside.

9. (Currently Amended) A door opening/closing device ~~according to claim~~
6, for a vehicle comprising:

a door handle operated for opening/closing a vehicle door;

a door lock mechanism for locking and unlocking the vehicle door;

a light-emitting means included in the door handle and visible from an outside
of the door handle;

a control mechanism for recognizing the opening/closing operation of the
vehicle door based upon the operation of the door handle, operating the door lock
mechanism so as to unlock the vehicle door when the opening operation of the
vehicle door is recognized, operating the door lock mechanism so as to lock the
vehicle door when the closing operation of the vehicle door is recognized, and
controlling the light-emitting means to light-emit in response to the opening and
closing operation of the vehicle door;

wherein the control mechanism recognizes the vehicle door opening operation
based upon the operation of the door handle under a condition that a portable station
carried by a user is close to the vehicle from a vehicle outside, and recognizes the
vehicle door closing operation based upon the operation of the door handle and
recognition of the portable station moved from a vehicle inside to the vehicle outside;

wherein the door handle includes at least a first light-emitting means and a
second light-emitting means, and the first and second light-emitting means are
controlled individually; and

wherein the control mechanism controls the second light-emitting means to
light-emit when the door handle operation is recognized for the vehicle door opening

operation, and controls the first light-emitting means to light-emit when the door handle operation is recognized for the vehicle closing operation.

10. (Canceled)

11. (Canceled)

12. (Canceled)

13. (Canceled)

14. (Canceled)

15. (Previously Presented) A method of recognizing an opening operation of a vehicle door comprising:

recognizing that a user carrying a portable station is coming close to a vehicle from a vehicle outside;

controlling a light-emitting means to emit light when the user carrying the portable station is recognized to be coming close to the vehicle;

judging whether or not a user's hand is in contact with a door handle;

unlocking the vehicle door by operating a door lock mechanism when the user's hand is judged to be in contact with the door handle; and

controlling the light-emitting means to emit light for a predetermined time in a different manner from a light-emitting manner during the portable station coming close to the vehicle from the vehicle outside;

wherein the light-emitting means is controlled to continuously light-up when the user carrying the portable station is recognized to be coming close to the vehicle and the light emitting means is controlled to blink for the predetermined time when the vehicle door is unlocked.

16. (Previously Presented) A method of recognizing an opening operation of a vehicle door according to claim 15, wherein the light-emitting means includes a first light-emitting means and a second light emitting means, the first light-emitting means is controlled to light-up when the user carrying the portable station is recognized to be coming close to the vehicle and the second light-emitting means is controlled to light-up for the predetermined period of time when the vehicle door is unlocked.

17. (Canceled)

18. (Previously Presented) A method of recognizing a closing operation of a vehicle door comprising:

recognizing that a user carrying a portable station has moved from a vehicle inside to a vehicle outside;

controlling a light-emitting means to emit light when the user carrying the portable station is recognized to have moved from the vehicle inside to the vehicle outside;

judging whether or not a user's hand is in contact with a door handle;

locking the vehicle door by operating a door lock mechanism when the user's hand is judged to be in contact with the door handle; and

controlling the light-emitting means to emit light in a different manner from a light-emitting manner during the portable station having moved to the vehicle outside from the vehicle inside;

wherein the light-emitting means is controlled to blink when the user carrying the portable station is recognized to have moved from the vehicle inside to the vehicle outside and the light emitting means is controlled to continuously light-up when the vehicle door is locked.

19. (Previously Presented) A method of recognizing a closing operation of a vehicle door according to claim 18, wherein the light-emitting means includes a first light-emitting means and a second light emitting means, the second light-emitting means is controlled to light-up when the user carrying the portable station is recognized to have moved from the vehicle inside to the vehicle outside and the first light-emitting means is controlled to light-up when the vehicle door is locked.

20. (Canceled)

21. (Canceled)

22. (Canceled)

23. (Canceled)

24. (Canceled)

25. (Canceled)

26. (Canceled)